

Member(0015)

ABEQ JP 2872288 B2 UPAB 20060106

3-substd. phenyl-fused ring pyrrolidine -2,4-dione derivs. of formula (I), opt. in enantiomerically pure form, are new. X and Z = alkyl, halo or alkoxy; Y = H, alkyl, halo, alkoxy or haloalkyl; m = 1-4; n = 0-3; R = H, COR1, COOR2 or A; A = equiv. of metal cation or ammonium ion; R1 = opt. halo-substd. alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl, polyalkoxyalkyl, opt. substd. cycloalkyl (opt. interrupted by heteroatoms), or (all opt. substd.) phenyl, phenylalkyl, heteroaryl, phenoxyalkyl or heteroaryloxyalkyl; R2 = opt. halo-substd. alkyl, cycloalkyl, alkenyl, alkoxyalkyl, polyalkoxyalkyl, or opt. substd. phenyl. Also new are the acylamino-ester intermediates of formula (II): R3 = alkyl.

USE/ADVANTAGE - (I) are pesticides, esp. effective against insects, acarids and nematodes, and useful in agriculture, forestry, materials production, hygienic applications and for control of ectoparasites on animals. They are also herbicides (and defoliants or desiccants) for selective or total weed control, depending mainly on application rate, and suitable for pre- or post-emergence application. (I) also have antibacterial and esp. antimycotic activity, effective against, e.g. Trichophyton or Epidermophyton, in human or veterinary medicine, pref. at 5-150 mg/kg orally, or 1-25mg/kg parenterally

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(FILE 'HOME' ENTERED AT 11:13:05 ON 19 SEP 2008)

FILE 'REGISTRY' ENTERED AT 11:13:10 ON 19 SEP 2008

L1 STR
 L2 50 SEA SSS SAM L1
 L3 53378 SEA SSS FUL L1
 L4 11944 SEA ABB=ON PLU=ON L3 AND 2 OC5/ES

FILE 'CAPLUS' ENTERED AT 11:15:17 ON 19 SEP 2008

L5 9219 SEA ABB=ON PLU=ON L4
 L6 276 SEA ABB=ON PLU=ON L4(L)?BACTER?
 E ANTIBACTERIAL AGENTS+ALL/CT

FILE 'HCAPLUS' ENTERED AT 11:16:30 ON 19 SEP 2008

L7 112977 SEA ABB=ON PLU=ON ANTIBACTERIAL AGENTS+PFT/CT
 E ANTIBIOTICS+ALL/CT
 L8 84417 SEA ABB=ON PLU=ON ANTIBIOTICS+PFT/CT
 L9 95 SEA ABB=ON PLU=ON L4(L)ANTIBIOT?
 L10 359 SEA ABB=ON PLU=ON L9 OR L6
 L11 126 SEA ABB=ON PLU=ON L10 AND (L7 OR L8)
 E US2005-531303/APPS
 L12 1 SEA ABB=ON PLU=ON US2005-531303/AP
 D SCA
 L13 98965 SEA ABB=ON PLU=ON DISACCHARIDES+PFT,NT/CT(L)BIOL+NT/RL
 L14 5568 SEA ABB=ON PLU=ON L13 AND ((L7 OR L8))
 L15 41 SEA ABB=ON PLU=ON L14 AND L4
 L16 13 SEA ABB=ON PLU=ON L15 AND L11
 L17 1 SEA ABB=ON PLU=ON L16 AND L12
 D HITSTR

FILE 'REGISTRY' ENTERED AT 12:05:12 ON 19 SEP 2008

L18 STR
 L19 STR
 L20 50 SEA SUB=L3 SSS SAM L19

L21 38423 SEA SUB=L3 SSS FUL L19
 L22 8910 SEA ABB=ON PLU=ON L21 AND 2 OC5/ES
 L23 STR L19
 L24 50 SEA SUB=L3 SSS SAM L23
 L25 13411 SEA SUB=L3 SSS FUL L23
 L26 4506 SEA ABB=ON PLU=ON L25 AND 2 OC5/ES
 L27 STR L19
 L28 50 SEA SUB=L26 SSS SAM L27
 L29 10575 SEA SUB=L25 SSS FUL L27
 L30 3818 SEA ABB=ON PLU=ON L29 AND 2 OC5/ES
 L31 STR L19
 L32 50 SEA SUB=L29 SSS SAM L31
 L33 6421 SEA SUB=L29 SSS FUL L31
 L34 2460 SEA ABB=ON PLU=ON L33 AND 2 OC5/ES

FILE 'CAPLUS' ENTERED AT 14:39:27 ON 19 SEP 2008

L35 2861 SEA ABB=ON PLU=ON L34

FILE 'HCAPLUS' ENTERED AT 14:39:44 ON 19 SEP 2008

L36 50 SEA ABB=ON PLU=ON L35 AND (L7 OR L8)
 L37 1343 SEA ABB=ON PLU=ON L34(L)BIOL+NT/RL
 L38 100 SEA ABB=ON PLU=ON L34(L)(ANTIBIOT? OR ?BACTER?)
 L39 70 SEA ABB=ON PLU=ON L37 AND L38
 L40 15 SEA ABB=ON PLU=ON L39 AND (L7 OR L8)
 L41 25 SEA ABB=ON PLU=ON L40 OR L16
 L42 3 SEA ABB=ON PLU=ON L40 AND L16
 L43 15 SEA ABB=ON PLU=ON L42 OR L40

FILE 'CAPLUS' ENTERED AT 14:41:51 ON 19 SEP 2008

FILE 'HCAPLUS' ENTERED AT 14:42:14 ON 19 SEP 2008

L44 1 SEA ABB=ON PLU=ON L43 AND L12
 L45 40 SEA ABB=ON PLU=ON L37 AND (L7 OR L8)
 L46 40 SEA ABB=ON PLU=ON L45 OR L43

FILE 'CAPLUS, DISSABS, CONFSCI, WPIX' ENTERED AT 14:43:05 ON 19 SEP 2008

L47 80 SEA ABB=ON PLU=ON MEUTERMANS W?/AU
 L48 11 SEA ABB=ON PLU=ON THANH G?/AU
 L49 66 SEA ABB=ON PLU=ON ABBENANTE G?/AU
 L50 32 SEA ABB=ON PLU=ON TOMETZKI G?/AU
 L51 189 SEA ABB=ON PLU=ON ADAMSON G?/AU
 L52 1862 SEA ABB=ON PLU=ON BECKER B?/AU
 L53 31 SEA ABB=ON PLU=ON GRATHWOHL M?/AU
 L54 8 SEA ABB=ON PLU=ON RAJARATNAM P?/AU
 L55 19 SEA ABB=ON PLU=ON (L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR
 L53 OR L54) AND (ANTIBIOT? OR ANTIBACTER? OR ANTI BACTER?)
 L56 39 SEA ABB=ON PLU=ON (L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR
 L53 OR L54) AND (CARBOHYD? OR SUGAR?)
 L57 4 SEA ABB=ON PLU=ON L55 AND L56
 L58 19 SEA ABB=ON PLU=ON L57 OR L55
 L59 49 SEA ABB=ON PLU=ON (L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR
 L53 OR L54) AND (CARBOHYD? OR SUGAR? OR DISACCHAR? OR SACCHAR?)
 L60 6 SEA ABB=ON PLU=ON L59 AND L55
 L61 19 SEA ABB=ON PLU=ON L60 OR L55

FILE 'HCAPLUS' ENTERED AT 14:46:08 ON 19 SEP 2008

FILE 'HCAPLUS' ENTERED AT 14:46:20 ON 19 SEP 2008
 D QUE L46

10/531,303

September 19, 2008

D L46 IBIB ABS HITIND HITSTR TOT

FILE 'CAPLUS, DISSABS, CONFSCI, WPIX' ENTERED AT 14:47:05 ON 19 SEP 2008

D QUE L61

L62

17 DUP REM L61 (2 DUPLICATES REMOVED)

ANSWERS '1-12' FROM FILE CAPLUS

ANSWERS '13-17' FROM FILE WPIX

D L62 IBIB ABS TOT